

THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 570, PART 2

2002 MAY 1, NUMBER 1

	Page
THE [O II] $\lambda 3727$ LUMINOSITY FUNCTION OF THE LOCAL UNIVERSE <i>J. Gallego, C. E. García-Dabó, J. Zamorano, A. Aragón-Salamanca, and M. Rego</i>	L1
CHANDRA DETECTION OF HIGHEST REDSHIFT ($z \sim 6$) QUASARS IN X-RAYS <i>Smita Mathur, Belinda J. Wilkes, and Himel Ghosh</i>	L5
DUST EMISSION FROM ACTIVE GALACTIC NUCLEI <i>Maia Nenkova, Željko Ivezić, and Moshe Elitzur</i>	L9
EVIDENCE FOR THE EVOLUTIONARY SEQUENCE OF BLAZARS: DIFFERENT TYPES OF ACCRETION FLOWS IN BL LACERTAE OBJECTS <i>Xinwu Cao</i>	L13
COUNTERCLOCKWISE MAGNETIC FIELDS IN THE NORMA SPIRAL ARM \oplus <i>J. L. Han, R. N. Manchester, A. G. Lyne, and G. J. Qiao</i>	L17
A POSSIBLE ORIGIN OF LOGNORMAL DISTRIBUTIONS IN GAMMA-RAY BURSTS <i>Kunihito Ioka and Takashi Nakamura</i>	L21
THREE TYPE I X-RAY BURSTS FROM CYGNUS X-2: APPLICATION OF ANALYTICAL MODELS FOR NEUTRON STAR MASS AND RADIUS DETERMINATION <i>Lev Titarchuk and Nikolai Shaposhnikov</i>	L25
CANDIDATE PRE-MAIN-SEQUENCE F STARS WITH CIRCUMSTELLAR DUST IDENTIFIED USING COMBINED 2MASS AND <i>uvby</i> DATA <i>A. A. Suchkov, A. B. Schultz, and C. M. Lisse</i>	L29
UNDERSTANDING THE NATURE OF PROTOSTELLAR JETS THROUGH NEAR-INFRARED SPECTROSCOPY: THE KEY ROLE OF THE J BAND PROVED ON HH 43 \oplus <i>Teresa Giannini, Brunella Nisini, Alessio Caratti o Garatti, and Dario Lorenzetti</i>	L33
GAUSSIAN SPECTRAL LINE PROFILES OF ASTROPHYSICAL MASERS <i>W. D. Watson, A. P. Sarma, and M. S. Singleton</i>	L37
A NONTHERMAL COLLIMATED EJECTION OBSERVED WITH THE NOBEYAMA RADIOHELIOGRAPH <i>H. Nakajima and T. Yokoyama</i>	L41
INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION	Inside Back Cover
INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION	Back Cover

2002 MAY 10, NUMBER 2

	Page
THE SHAPE OF THE RELATIVISTIC IRON $K\alpha$ LINE FROM MCG -6-30-15 MEASURED WITH THE CHANDRA HIGH ENERGY TRANSMISSION GRATING SPECTROMETER AND THE ROSSI X-RAY TIMING EXPLORER <i>Julia C. Lee, Kazushi Iwasawa, John C. Houck, Andrew C. Fabian, Herman L. Marshall, and Claude R. Canizares</i>	L47
DETECTING GRAVITATIONAL LENSING COSMIC SHEAR FROM SAMPLES OF SEVERAL GALAXIES USING TWO-DIMENSIONAL SPECTRAL IMAGING <i>A. W. Blain</i>	L51
DISCOVERY AND IMPLICATIONS OF A NEW LARGE-SCALE STELLAR BAR IN NGC 5248 \oplus <i>Shardha Jogee, Johan H. Knapen, Seppo Laine, Isaac Shlosman, Nick Z. Scoville, and Peter Englmaier</i>	L55
OFF-AXIS AFTERGLOW EMISSION FROM JETTED GAMMA-RAY BURSTS <i>Jonathan Granot, Alin Panaitescu, Pavan Kumar, and Stan E. Woosley</i>	L61
A THERMAL FEATURELESS SPECTRUM: EVIDENCE FOR BARE STRANGE STARS? <i>R. X. Xu</i>	L65

EVIDENCE OF SPIN AND ENERGY EXTRACTION IN A GALACTIC BLACK HOLE CANDIDATE: THE XMM-NEWTON/EPIC-pn SPECTRUM OF XTE J1650-500 <i>J. M. Miller, A. C. Fabian, R. Wijnands, C. S. Reynolds, M. Ehle, M. J. Freyberg, M. van der Klis, W. H. G. Lewin, C. Sanchez-Fernandez, and A. J. Castro-Tirado</i>	L69
A DEEP SEARCH FOR PULSATIONS FROM THE NEARBY ISOLATED NEUTRON STAR RX J1856.5-3754 <i>Scott M. Ransom, Bryan M. Gaensler, and Patrick O. Slane</i>	L75
X-RAY TIMING OF THE ENIGMATIC NEUTRON STAR RX J0720.4-3125 <i>D. L. Kaplan, S. R. Kulkarni, M. H. van Kerkwijk, and H. L. Marshall</i>	L79
THE CASE OF PSR J1911-5958A IN THE OUTSKIRTS OF NGC 6752: SIGNATURE OF A BLACK HOLE BINARY IN THE CLUSTER CORE? <i>Monica Colpi, Andrea Possenti, and Alessia Gualandris</i>	L85
TIMING OF MILLISECOND PULSARS IN NGC 6752: EVIDENCE FOR A HIGH MASS-TO-LIGHT RATIO IN THE CLUSTER CORE <i>N. D'Amico, A. Possenti, L. Fici, R. N. Manchester, A. G. Lyne, F. Camilo, and J. Sarkissian</i>	L89
NEW SUBMILLIMETER LIMITS ON DUST IN THE 55 CANCRI PLANETARY SYSTEM  <i>Ray Jayawardhana, Wayne S. Holland, Paul Kalas, Jane S. Greaves, William R. F. Dent, Mark C. Wyatt, and Geoffrey W. Marcy</i>	L93
STAR FORMATION RATE FROM DUST INFRARED EMISSION <i>Akio K. Inoue</i>	L97
N ₂ H ⁺ AND C ¹⁸ O DEPLETION IN A COLD DARK CLOUD <i>Edwin A. Bergin, João Alves, Tracy Huard, and Charles J. Lada</i>	L101
CORRELATING TRANSITION REGION EXPLOSIVE EVENTS WITH EXTREME-ULTRAVIOLET BRIGHTENINGS <i>Amy R. Winebarger, Adria C. Updike, and Katharine K. Reeves</i>	L105
INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION	<i>Inside Back Cover</i>
INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION	<i>Back Cover</i>

